

## Message Text

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PAGE 01 STATE 103891  
ORIGIN EB-07

INFO OCT-01 CIAE-00 COME-00 DODE-00 NSAE-00 USIA-06  
TRSE-00 EUR-12 ERDA-05 ISO-00 /031 R

DRAFTED BY EB/ITP/EWT - RPRACHT:JAS  
APPROVED BY EB/ITP/EWT - WAROOT  
COMMERCE/OEA - CSEASWORD  
DEFENSE/OSD - DSCHROEDER  
RPE

-----071658Z 077080 /50

P 062151Z MAY 77  
FM SECSTATE WASHDC  
TO USMISSION OECD PARIS PRIORITY

C O N F I D E N T I A L STATE 103891

EXCON

E.O. 11652: XGDS-1

TAGS: ESTC, COCOM

SUBJECT: COCOM DISCUSSIONS OF US PROPOSAL ON IL 1091 AND  
NI 1500

REF: COCOM DOC. DEF (77) 1091/3

1. USDEL AUTHORIZED PROPOSE FOLLOWING CRITERIA AS STATE-  
MENT OF UNDERSTANDING TO IL 1500 NI UNDER NOTES 3 AND 4 TO  
US PROPOSAL:

"UNITS SUBMITTED TO THE COMMITTEE FOR INITIAL REVIEW  
PURSUANT TO NOTES 3 AND 4 WILL BE FAVORABLY CONSIDERED BY  
THE COMMITTEE PROVIDED THAT THE REQUESTING GOVERNMENT  
HAS SATISFACTORILY DEMONSTRATED TO THE COMMITTEE THAT:

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A) ALL THE SPECIFICATIONS AND CONDITIONS OF THE APPROPRIATE  
NOTE HAVE BEEN MET;

B) THE WORD SIZE OF THE MICROPROCESSOR, MINICOMPUTER OR  
COMPUTER INCORPORATED IN THE UNIT IS EQUAL TO OR LESS THAN  
16 BITS;

C) THE CPU DATA HANDLING RATE# DOES NOT EXCEED 4.8 MILLION BPS.

D) THE CPU NUMERICAL PROCESSING RATE## DOES NOT EXCEED 0.5 MILLION BPS;

E) THE PRIMARY MEMORY, I.E., READ/WRITE, ROM, PROM, OR RAM OF THE MICROPROCESSOR, MINICOMPUTER, OR COMPUTER INCORPORATED IN THE UNIT IS EQUAL TO OR LESS THAN 32K, 8-BIT BYTES;

F) THE TOTAL CONNECTED CAPACITY OF PERIPHERAL MEMORY DEVICES SHALL NOT EXCEED 768K, 8-BIT BYTES, AND FOR EACH DEVICE THE AVERAGE ACCESS TIME SHALL BE NO LESS THAN 250 MILLISECONDS AND THE MAXIMUM BIT TRANSFER RATE SHALL BE NO GREATER THAN 250,000 BPS;

G) CRT DISPLAYS FOR WHICH CIRCUITRY AND CHARACTER-GENERATION DEVICES EXTERNAL TO THE TUBE LIMIT DISPLAYS TO ALPHA-NUMERIC CHARACTERS IN FIXED FORMATS OR TO GRAPHS COMPOSED ONLY OF THE SAME BASIC ELEMENTS AS USED FOR ALPHA-NUMERIC CHARACTER COMPSOTION (LIMITED TO GRAPHIC DISPLAYS FOR WHICH THE SEQUENCE OF SYMBOLS AND BASIC ELEMENTS OF SYMBOLS ARE FIXED BY THE FORMAT AND CHARACTER GENERATORS IN THE UNIT AND CANNOT BE GENERATED ARBITRARILY BY THE COMPUTER.

H) NO MEMBER GOVERNMENT HAS FILED AN OBJECTION WITH RESPECT TO THE APPLICABILITY OF (A) THROUGH (G) ABOVE  
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WITHIN THIRTY DAYS OF RECEIPT OF COMPLETE INFORMATION ON THE CASE."

2. USDEL AUTHORIZED TO PROPOSE FOLLOWING CRITERIA AS STATEMENT OF UNDERSTANDING FOR CONSIDERING CASES SUBMITTED UNDER NOTE 5 TO US PROPOSAL (IL 1500 N.I.):

"UNITS SUBMITTED TO THE COMMITTEE FOR INITIAL REVIEW PURSUANT TO NOTE 5 WILL BE FAVORABLY CONSIDERED BY THE COMMITTEE PROVIDED THAT THE REQUESTING GOVERNMENT HAS SATISFACTORILY DEMONSTRATED TO THE COMMITTEE THAT:

A) ALL THE SPECIFICATIONS AND CONDITIONS OF THE NOTE HAVE BEEN MET;

B) THE UNITS ARE LIMITED AS FOLLOWS:

(1) SIMULTANEOUS POSITION AND VELOCITY CONTROL OF ONLY TWO AXES (POSITION CONTROL OF A THIRD AXIS CAN BE SYNCHRONIZED

WITH EITHER OR BOTH OF THE OTHER TWO, BUT VELOCITY CONTROL CANNOT BE SYNCHRONIZED. A FEEDRATE NUMBER CAN BE USED TO CONTROL THE VELOCITY OF ONLY TWO AXES;

(2) CIRCULAR INTERPOLATION LIMITED TO A SINGLE PLAN;

(3) NO TOOL LENGTH OR RADIUS COMPENSATION;

(4) NO THREADING CAPABILITY;

(5) NO SURFACE FEET PER MINUTE OR INCHES OR EQUIVALENT PER REVOLUTION PROGRAMMING CAPABILITY;

C) THE WORD SIZE OF THE MICROPROCESSOR, MINICOMPUTER OR COMPUTER INCORPORATED IN THE UNIT IS EQUAL TO OR LESS THAN 16 BITS;

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D) THE CPU DATA HANDLING RATE # DOES NOT EXCEED 4.8 MILLION BPS.

E) THE CPU NUMERICAL PROCESSING RATE ##DOES NOT EXCEED 0.5 BPS;

F) THE PRIMARY MEMORY, I.E., READ/WRITE, ROM, PROM, OR RAM OF THE MICROPROCESSOR, MINICOMPUTER, OR COMPUTER INCORPORATED IN THE UNIT IS EQUAL TO OR LESS THAN 32K, 8-BIT BYTES.

G) THE TOTAL CONNECTED CAPACITY OF PERIPHERAL MEMORY DEVICES SHALL NOT EXCEED 768K, 8-BIT BYTES, AND FOR EACH DEVICE THE AVERAGE ACCESS TIME SHALL BE NO LESS THAN 250 MILLISECONDS AND THE MAXIMUM BIT TRANSFER RATE SHALL BE NO GREATER THAN 250,000 BPS;

H) CRT DISPLAYS FOR WHICH CIRCUITRY AND CHARACTER-GENERATION DEVICES EXTERNAL TO THE TUB LIMIT DISPLAYS TO ALPHA-NUMERIC CHARACTERS IN FIXED FORMATS OR TO GRAPHS COMPOSED ONLY OF THE SAME BASIC ELEMENTS AS USED FOR ALPHA-NUMERIC CHARACTER COMPOSITION (LIMITED TO GRAPHIC DISPLAYS FOR WHICH THE SEQUENCE OF SYMBOLS AND BASIC ELEMENTS OF SYMBOLS ARE FIXED BY THE FORMAT AND CHARACTER GENERATORS IN THE UNIT AND CANNOT BE GENERATED ARBITRARILY BY THE COMPUTER.

I) NO MEMBER GOVERNMENT HAS FILED AN OBJECTION WITH RESPECT TO THE APPLICABILITY OF (A) THROUGH (H) ABOVE WITHIN THIRTY DAYS OF RECEIPT OF COMPLETE INFORMATION ON THE CASE.;

3.

USDEL ALSO AUTHORIZED SUBMIT FOLLOWING STATEMENT OF UNDERSTANDING TO IL 1500 NI REPLACING 2(A) & (B) SOU TO IL 1091:

"THE DISTINCTION BETWEEN NUMERICAL CONTROL UNITS CONTAINING  
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OR INCORPORATING MICROPROCESSORS, MINICOMPUTERS, OR COMPUTERS AND THOSE UNITS THAT DO NOT IS AS FOLLOWS:

NUMERICAL CONTROL UNITS NOT INCORPORATING MICROPROCESSORS, MINICOMPUTERS OR COMPUTERS ARE DEFINED AS UNITS IN WHICH CHANGES TO THE VELOCITY AND PATH GENERATION TRANSFER FUNCTION FROM INPUT TO OUTPUT ONLY CAN BE MADE BY REPLACING AND/OR ADDING CIRCUIT ELEMENTS OTHER THAN DEDICATED MEMORY ELEMENTS OR CHANGING WIRING CONNECTIONS. THESE UNITS SHALL NOT HAVE ANY DEDICATED MEMORY ELEMENTS FOR STORING INSTRUCTIONS FOR VELOCITY OR PATH GENERATION CONTROL."

4. BEGIN FYI. DEFENSE HAS FILED FORMAL OBJECTION TO KRATZ TTG-10 RECOMMENDATIONS FOR COUNTER PROPOSAL TO BELGIAN PROPOSAL. WE ARE THEREFORE UNABLE TO PRESENT IT. END FYI

# IL 1565, NOTE 6, TECHNICAL NOTE 1

## IL 1565, NOTE 6, TECHNICAL NOTE 2. CHRISTOPHER

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NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** AGREEMENT DRAFT, INFORMATION SYSTEMS, COMPUTERS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Sent Date:** 06-May-1977 12:00:00 am  
**Decaption Date:** 01-Jan-1960 12:00:00 am  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 22 May 2009  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1977STATE103891  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** RPRACHT:JAS  
**Enclosure:** n/a  
**Executive Order:** X1  
**Errors:** N/A  
**Expiration:**  
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**Litigation Code IDs:**  
**Litigation Codes:**  
**Litigation History:**  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Message ID:** 50ac0799-c288-dd11-92da-001cc4696bcc  
**Office:** ORIGIN EB  
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**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 4  
**Previous Channel Indicators:** n/a  
**Previous Classification:** CONFIDENTIAL  
**Previous Handling Restrictions:** n/a  
**Reference:** n/a  
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**Review Action:** RELEASED, APPROVED  
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**Review Event:**  
**Review Exemptions:** n/a  
**Review Media Identifier:**  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 2612377  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** COCOM DISCUSSIONS OF US PROPOSAL ON IL 1091 AND NI 1500  
**TAGS:** ESTC, COCOM  
**To:** OECD PARIS  
**Type:** TE  
**vdkgvwkey:** odb://SAS/SAS.dbo.SAS\_Docs/50ac0799-c288-dd11-92da-001cc4696bcc  
**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009